

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A swing compressor comprising:
a cylinder ~~(6) which defines~~ defining a cylinder chamber (8);
a piston ~~(4) composed of including~~ a generally cylindrical-shaped roller (2) which orbitally revolves along an inner surface of the cylinder chamber (8) and a blade (3) ~~which is integrally formed integrally with the roller (2) and which~~ that is swingably held by the cylinder, ~~(6) the roller having an inner circumferential sliding surface with a large-width portion configured to receive a heavy load and a small-width portion that is smaller in width than the large-width portion and is configured to receive a light load; and~~
a drive shaft (1) having an eccentric portion (5) ~~which~~ that is slidably fitted to ~~an~~ the inner circumferential sliding surface (14) of the roller (2), wherein
the piston (4) ~~divides~~ dividing a space inside of the cylinder (6) into a suction chamber (12) and a compression chamber (13) and ~~performs~~ performing a swing motion by rotation of the drive shaft, (1), ~~and wherein~~
the inner circumferential sliding surface (14) of the roller (2) includes
a large-width portion (15) which receives a heavy load; and
a small-width portion (16) which is smaller in width than the large-width portion (15) ~~and which receives a light load.~~

2. (Currently Amended) The swing compressor as claimed in ~~Claim~~ claim 1,
wherein

~~assuming that a reference line (O) is given by an intersecting line between the~~
cylinder has a reference line contained in a longitudinally extending center plane (P) passing
~~through a center of the blade (3) and parallel to the blade (3) and lying on the inner~~
circumferential sliding surface (14) of the roller (2), and

the small-width portion (16) is formed over a range extending between ~~from a line (A)~~
~~obtained by a point located 30° displacement of from the reference line (O) to a line (B)~~
~~obtained by and a point located 180° displacement of from the reference line (O) in a~~
rotational direction of the drive shaft (1) in the inner circumferential sliding surface (14).

3. (Currently Amended) The swing compressor as claimed in ~~Claim~~ claim 1,
wherein

the small-width portion (16) is provided on one side with respect to a longitudinally
extending center plane (P) ~~passing through a center of the blade (3) and parallel to of the~~
blade (3), ~~the one side including cylinder includes~~ a suction port (11) ~~which is provided in the~~
~~cylinder (6) and which~~ that communicates with the suction chamber (12) along the one side.

4. (Currently Amended) The swing compressor as claimed in ~~Claim~~ claim 1,
wherein

the piston (4) ~~is placed so as to orbitally revolve~~ revolves along a horizontal plane,
and

an upper edge of the small-width portion (16) is located lower than an upper edge of the large-width portion (15).

5. (Currently Amended) The swing compressor as claimed in ~~Claim~~ claim 1, wherein

the drive shaft (1) is ~~so placed as to be~~ inclined with respect to a horizontal plane of the swing compressor, and

an upper edge of the small-width portion (16) is located lower than an upper edge of the large-width portion (15) with respect to a direction of the drive shaft (1).

6. (Currently Amended) The swing compressor as claimed in ~~Claim~~ claim 5, wherein

the drive shaft (1) is placed along a vertical direction of the swing compressor.

7. (Currently Amended) The swing compressor as claimed in ~~Claim~~ claim 1, wherein

the piston (4) is formed of a sintered material.